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140

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_			_			_				Glu						
	-,-		0	170			_,		175				•	180		
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ata	aga	gtc	ggt	tcc	tgc	ggc	gct	att	cgt	aaa	gat	gtc	aaa	gtg	cga	403
He	Arg	Val	Gly	Ser	Cys	Gly	Ala	He	Arg	Lys	Asp	Val	Lys	Val	Arg	
				90					95					100		
gac	gtc	att	ttg	gcg	atg	acc	tcc	tca	act	gat	tca	caa	atg	aac	aga	451
Asp	Val	He	Leu	Ala	Met	Thr	Ser	Ser	Thr	Asp	Ser	Gln	Met	Asn	Arg	
			105					110					115			
gtt	gct	ttc	gga	agc	gtt	gat	ttt	gcg	cct	tgc	gca	gat	ttc	gag	ctt	499
Val	Ala	Phe	Gly	Ser	Val	Asp	Phe	Ala	Pro	Cys	Ala	Asp	Phe	Glu	Leu	
		120					125					130				
tta	aaa	aat	gcc	tat	gat	gcc	gca	aag	gat	aaa	ggt	gtg	ccg	gtg	act	547
Leu	Lys	Asn	Ala	Tyr	Asp	Ala	Ala	Lys	Asp	Lys	Gly	Vai	Pro	Val	Thr	
	135					140					145					
gta	gga	agc	gta	ttt	aca	gct	gac	cag	ttc	tac	aat	gac	gat	tcg	caa	595
Val	Gly	Ser	Val	Phe	Thr	Ala	Asp	Gln	Phe	Tyr	Asn	Asp	Asp	Ser	Gln	
150					155					160					165	
att	gaa	aaa	ctt	gca	aaa	tac	ggt	gtg	ctt	ggc	gtt	gaa	atg	gaa	aca	643
He	Glu	Lys	Leu	Ala	Lys	Tyr	Gly	Val	Leu	Gly	Val	Glu	Met	Glu	Thr	
				170					175					180		
act	gca	ttg	tat	aca	tta	gca	gcg	aag	cac	gga	aga	aaa	gcc	ctg	tca	691
Thr	Ala	Leu	Tyr	Thr	Leu	Ala	Ala	Lys	His	Gly	Arg	Lys	Ala	Leu	Ser	
			185					190					195			
att	ctc	acc	gtg	agt	gat	cac	gta	tta	aca	gga	gaa	gaa	acg	aca	gcg	739
He	Leu	Thr	Val	Ser	Asp	His	Val	Leu	Thr	Gly	Glu	Glu	Thr	Thr	Ala	
		200					205					210				
gaa	gag	cgt	caa	acg	aca	ttt	cat	gat	atg	ata	gaa	gtg	gct	tta	cat	787
Glu	Glu	Arg	Gln	Thr	Thr	Phe	His	Asp	Met	He	Glu	Val	Ala	Leu	His	
	215					220					225					
tcc	gta	tca	caa	taa	aata	atato	caa (gagg	cgtg	ct g	ggtg	cgg	c ago	cctc	ttct	842
Ser	Val	Ser	Gln													
230																
tta	tgca [.]	tgc (ggaa	acga [.]	tt g	ataa	aagg	a ag	gtaa [,]	tgta	ata	tgaa	aaa (gtcc	ggt	899

<210> 16

<211> 233

<213> Bacillus subtilis <400> 16 Met Ser Val His Ile Gly Ala Glu Lys Gly Gln Ile Ala Asp Thr Val Leu Leu Pro Gly Asp Pro Leu Arg Ala Lys Phe IIe Ala Glu Thr Tyr Leu Glu Asn Val Glu Cys Tyr Asn Glu Val Arg Gly Met Tyr Gly Phe Thr Gly Thr Tyr Lys Gly Lys Lys IIe Ser Val Gln Gly Thr Gly Met Gly Val Pro Ser Ile Ser Ile Tyr Val Asn Glu Leu Ile Gln Ser Tyr Asp Val Gin Asn Leu lie Arg Val Gly Ser Cys Gly Ala lie Arg Lys Asp Val Lys Val Arg Asp Val IIe Leu Ala Met Thr Ser Ser Thr Asp Ser Gln Met Asn Arg Val Ala Phe Gly Ser Val Asp Phe Ala Pro Cys Ala Asp Phe Glu Leu Leu Lys Asn Ala Tyr Asp Ala Ala Lys Asp Lys Gly Val Pro Val Thr Val Gly Ser Val Phe Thr Ala Asp Gln Phe Tyr Asn Asp Asp Ser Gln Ile Glu Lys Leu Ala Lys Tyr Gly Val Leu Gly Val Glu Met Glu Thr Thr Ala Leu Tyr Thr Leu Ala Ala Lys His Gly Arg Lys Ala Leu Ser Ile Leu Thr Val Ser Asp His Val Leu Thr Gly Glu Glu Thr Thr Ala Glu Glu Arg Gln Thr Thr Phe His Asp Met lle Glu Val Ala Leu His Ser Val Ser Gln

<212> PRT